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Coherence Property Comparison of Spectral Broadening Methods in CEP Stabilization

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We measured and stabilized the carrier-envelope phase by f-2f spectral interferometry with supercontinuum generated by sapphire bulk plate, hollow-core fiber and fused silica thin plates and calculated the coherence properties for each method theoretically.

Authors: Mr GAO, Yitan (Institute of Physics, Chinese Academy of Sciences); Ms LIANG, Yueying (Institute of Physics, Chinese Academy of Sciences); Mr XU, Siyuan (Xidian University); Ms JIANG, Yujiao (Xidian University); Dr ZHAO, Kun (Institute of Physics, Chinese Academy of Sciences); Dr HE, Xinkui (Institute of Physics, Chinese Academy of Sciences); Prof. WEL, Zhiyi (Institute of Physics, Chinese Academy of Sciences)

Presenter: Mr GAO, Yitan (Institute of Physics, Chinese Academy of Sciences)

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